

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS  
OF SAN BERNARDINO COUNTY, CALIFORNIA  
AND RECORD OF ACTION**

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**May 20, 2003**

**FROM:** KEN A. MILLER, Director  
Department of Public Works – **Flood Control**

**SUBJECT: CONTRACT FOR THE CONSTRUCTION OF SPILLWAY AND DAM FOR SAN SEVAINE BASIN NO. 5 AND ETIWANDA CREEK CHANNEL INVERT REPAIR IN THE CITY OF RANCHO CUCAMONGA**

**RECOMMENDATION:** Acting as the governing body of the Flood Control District (District): (1) Award contract to SEMA Construction, Inc. of Lake Forest, CA in the amount of \$9,461,669 for the construction of the Spillway and Dam for San Sevaire Basin No. 5 and Etiwanda Creek Channel Invert Repair in the City of Rancho Cucamonga; (2) Authorize a contingency fund in the amount of \$946,167 and authorize the Flood Control Engineer to execute necessary changes in the contract and; (3) Authorize the Flood Control Engineer to execute the Notice of Completion after acceptance of the work.

**BACKGROUND INFORMATION:** San Sevaire Basin No. 5 is a flood control basin owned and operated by the District, located west of Cherry Avenue, north of the I-210 Freeway within the City of Rancho Cucamonga. The existing basin does not have sufficient capacity to convey 100-year storm flows in the Rancho Cucamonga, Fontana, and County unincorporated areas. Therefore, the City of Fontana contracted with Parsons Engineering Science for the design and preparation of plans and construction documents for the improvement of the Basin. The project was amended to include invert repair to Etiwanda Creek Channel, an existing flood control facility owned and operated by the District, west of San Sevaire Basin No. 5 and north of the I-210 Freeway.

On February 25, 2003, the Board approved the plans and specifications and authorized advertising for bids for the Basin. On March 11, 2003 the Board approved the plans and specifications and authorized advertising for bids for the channel invert repair. Nine (9) bid proposals were received on April 17, 2003. The lowest bid was received by SEMA Construction, Inc. at \$9,461,669 followed by Sukut Construction, Inc. at \$11,142,565, Yeager Skanska, Inc. at \$12,563,335, Washington Group International, Inc. at \$12,754,500, Brent Engineering, Inc. at \$14,280,710, Ford Construction Company, Inc. at \$14,073,048, Kiewit Pacific Company at \$14,599,397, Vance Corporation at \$16,170,585, and L.D. Anderson, Inc. bid was non-responsive. The Engineer's estimate was \$13,159,085. Department staff have reviewed the proposals and determined that the proposal of the lowest bidder appears acceptable. Public Contract Code Section 21061 requires the Board to award the contract to the lowest responsible bidder and also allows the Board to authorize the Flood Control Engineer to order changes in construction contracts. In accordance with this code, cumulative changes in excess of \$150,000 will require Board approval. Following Board approval of this item, construction should commence in June, 2003 and be completed by the end of September, 2004. Improvements shall include levee embankment, basin drain, and outlet and inlet spillways.

Record of Action of the Board of Supervisors

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**CONTRACT FOR THE CONSTRUCTION OF SPILLWAY AND DAM FOR SAN SEVAINE BASIN NO. 5 AND ETIWANDA CREEK CHANNEL INVERT REPAIR IN THE CITY OF RANCHO CUCAMONGA**

**May 20, 2003**

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**REVIEW BY OTHERS:** This item was reviewed by Deputy County Counsel Charles S. Scolastico on May 7, 2003 and the County Administrative Office (Tom Forster, Administrative Analyst) on May 10, 2003.

**FINANCIAL IMPACT:** Funds for this project have been allocated in the Zone 1 2002/2003 fiscal year budget (RFD 091 091 200 2445 11F01193 and 11F01700). On December 17, 1996 the Board approved an agreement with the United States Bureau of Reclamation (BOR), through the Small Reclamation Projects Act, P.L. 84-984 for an estimated \$20 million loan and an estimated \$27 million grant for the construction of the San Sevaine Creek Water Project. The loan and grant will fund \$9,338,059 (\$3,828,604 loan and \$5,509,455 grant) for the Basin improvements. The Zone 1 Budget will fund \$123,610 for the Invert Channel Repairs. The District will have 15 years to repay the BOR loan, including interest. This loan will be repaid through future property tax revenues of the District.

**COST REDUCTION REVIEW:** The County Administrative Office has reviewed this item and concurs with the District's recommendation because the proposed improvements to San Sevaine Basin No. 5 (Spillway and Dam) and Etiwanda Creek Channel Invert Repair are necessary to provide adequate flood protection for residents of Rancho Cucamonga, Fontana, and the surrounding areas. Also, the District previously secured a dedicated funding source for this project.

**SUPERVISORIAL DISTRICT(S):** 2<sup>nd</sup>

**PRESENTER:** Ken A. Miller, 387-7906